

Attorney Docket No. 42929.0200

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selectively permitting download of the file based upon the verification of the file identifier and the verification of the order identifier.

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59. (Amended) The computer program product of claim 58, further including transmitting the generated file identifier for display to the user.

61. (Amended) A computer program product, comprising:
a computer-readable medium containing instructions for controlling a computer system to perform a method for converting file identifiers for use in generating default storage file names for the corresponding files, the method including:
receiving an identifier related to a file;
receiving from a user a request to download the file;
converting the identifier to a name identifying a type of content of the file; and
automatically displaying the name in a request for a file name for storing the file.

REMARKS

In response to the Office Action dated November 20, 2002, Applicants have amended particular claims to more clearly define embodiments consistent with the present invention. Claims 1-4, 6-26, 28-48, and 50-66 are pending. Reconsideration and allowance of all pending claims are respectfully requested.

Claims 15, 37, and 59 were objected to due to an informality. Applicants have amended claims 15, 37, and 59 as required by the Examiner.

Attorney Docket No. 42929.0200

Claims 1-5, 7-11, 13-18, 20, 21, 23-27, 29-33, 35-40, 42, 43, 45-49, 51-55, 57-62, 64, and 65 were rejected under 35 U.S.C. § 102 as anticipated by U.S. Patent No. 6,226,618 (Downs patent).

Applicants have amended independent claims 1, 23, and 45 to recite that verifying the order identifier includes determining whether it is valid, active, and non-suppressed. In addition, Applicants have specifically defined those three terms in the claims, consistent with the application as filed. (See, e.g., Specification, p. 22, lines 11-20; Figure 5B.) Applicants note that in dependent claims 5, 27, and 49, now canceled, Applicants had recited determining if a uniform resource locator, an example of an order identifier, is valid, active, non-suppressed, or charged. Therefore, the Downs patent may have possibly read upon those claims if only one of the conditions (security checks) was satisfied, due to recitation of those claim elements in the disjunctive. The Downs patent appears to possibly provide for determining if an order is valid.

However, Applicants respectfully submit that the Downs patent does not disclose determining if an order identifier is also active and non-suppressed, in addition to being valid, as defined in claims 1, 23, and 45. For an order identifier to be active, a corresponding order must not have been canceled before download of a file. For an order identifier to be non-suppressed, the order must not have been canceled after download of the file. These two additional conditions provide for a more secure download process. Applicants respectfully submit that the Downs patent does not disclose at least these two additional types of security checks. Rather, it simply provides for encryption of a file, corresponding to a valid order, for secure downloading. Accordingly, Applicants respectfully submit that claims 1, 23, and 45 are patentable over the Downs patent.

Attorney Docket No. 42929.0200

Applicants have amended the other independent claims 17, 39, and 61 to recite that the identifier is converted to "a name identifying a type of content of the file." Therefore, the name is not simply somehow related to the content such as via any type of association. Rather, the name itself identifies what type of content exists in the file, consistent with the application as filed. (See e.g., Specification, p. 19, line 12 to p. 21, line 2.) For example, the "name" following conversion can be the actual product name corresponding with the downloaded file. That way, in this example, the file is stored under its actual product name so that a user can quickly identify the file simply by viewing its name under which it is stored.

Applicants respectfully submit that the Downs patent does not provide for this type of claimed conversion. The Downs patent uses a Product ID for use in downloading a product in a file, and that Product ID in one sense is related to the file by being associated with it for use in downloading the file. (Downs patent, col. 72, lines 35-48.) However, the Downs patent provides no indication that the Product ID identifies a type of content of the file. Rather, the Downs patent defines the Product ID as a value used to retrieve a file. (Downs patent, col. 75, lines 63-67.) The term "value" refers to a number, such as a random number, which would be associated with the file for downloading and storing it. A value, and hence a number, cannot identify via a name the type of content of the file, as claimed by the Applicants. Accordingly, Applicants respectfully submit that claims 17, 39, and 61 are patentable over the Downs patent.

Applicants respectfully submit that dependent claims 2-4, 7-11, 13-16, 18, 20, 21, 24-26, 29-33, 35-38, 40, 42, 43, 46-48, 51-55, 57-60, 62, 64, and 65 are patentable for at least the same reasons as provided above for their respective base claims.

Attorney Docket No. 42929.0200

Claims 6, 12, 28, 34, 50, and 56 were rejected under 35 U.S.C. § 103 as having been obvious over Edgar and official notice. Claims 19, 22, 41, 44, 63, and 66 were rejected under 35 U.S.C. § 103 as having been obvious over the Downs patent and U.S. Patent No. 6,263,353. Applicants respectfully submit that these dependent claims 6, 12, 19, 22, 28, 34, 41, 44, 50, 56, 63, and 66 are patentable for at least the reasons as provided above for their respective base claims.

Based upon the above amendments and remarks, Applicants respectfully request reconsideration and allowance of all pending claims.

Respectfully submitted,

Date: 4/2/03

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Version with Markings to Show Changes Made

Claims 1, 15, 17, 23, 37, 39, 45, 59, and 61 are amended as follows.

1. (Amended) A method for secure downloading of a file from a network, comprising:

receiving selection of a file;

receiving an order from a user for download of the selected file, the order including a file identifier related to the file and an order identifier related to the order;

verifying the file identifier based upon particular information related to the file;

verifying the order identifier based upon particular information related to the order, including:

determining if the order identifier is valid for the order, meaning the order identifier exists for the order,

determining if the order identifier is active, meaning the order was not canceled before the download of the file; and

determining if the order identifier is non-suppressed, meaning the order was not canceled after the download of the file; and
selectively [downloading] permitting the download of the file based upon the verification of the file identifier and the verification of the order identifier.

15. (Amended) The method of claim 14, further including transmitting the generated [order] file identifier for display to the user.

17. (Amended) A method for converting file identifiers for use in generating default storage file names for the corresponding files, comprising:

Attorney Docket No. 42929.0200

receiving an identifier related to a file;
receiving from a user a request to download the file;
converting the identifier to a name [related to] identifying a type of content of the file; and
automatically displaying the name in a request for a file name for storing the file.

23. (Amended) An apparatus for secure downloading of a file from a network, comprising:
a selection module for receiving selection of a file;
a receive module for receiving an order from a user for download of the selected file, the order including a file identifier related to the file and an order identifier related to the order;
a file identifier module for verifying the file identifier based upon particular information related to the file;
an order identifier module for verifying the order identifier based upon particular information related to the order, including:
a module for determining if the order identifier is valid for the order,
meaning the order identifier exists for the order;
a module for determining if the order identifier is active, meaning the order was not canceled before the download of the file; and
a module for determining if the order identifier is non-suppressed,
meaning the order was not canceled after the download of the file; and

Attorney Docket No. 42929.0200

a download module for selectively [downloading] permitting the download of the file based upon the verification of the file identifier and the verification of the order identifier.

37. (Amended) The apparatus of claim 36, further including a module for transmitting the generated [order] file identifier for display to the user.

39. (Amended) An apparatus for converting file identifiers for use in generating default storage file names for the corresponding files, comprising:

- an identifier module for receiving an identifier related to a file;
- a receive module for receiving from a user a request to download the file;
- a conversion module for converting the identifier to a name [related to] identifying a type of content of the file; and
- a display module for automatically displaying the name in a request for a file name for storing the file.

45. (Amended) A computer program product, comprising:

- a computer-readable medium containing instructions for controlling a computer system to perform a method for secure downloading of a file from a network, the method including:
 - receiving selection of a file;
 - receiving an order from a user for download of the selected file, the order including a file identifier related to the file and an order identifier related to the order;
 - verifying the file identifier based upon particular information related to the file;

Attorney Docket No. 42929.0200

verifying the order identifier based upon particular information related to the order, including:

determining if the order identifier is valid for the order, meaning the order identifier exists for the order;

determining if the order identifier is active, meaning the order was not canceled before the download of the file; and

determining if the order identifier is non-suppressed, meaning the order was not canceled after the download of the file; and

selectively [downloading] permitting download of the file based upon the verification of the file identifier and the verification of the order identifier.

59. (Amended) The computer program product of claim 58, further including transmitting the generated [order] file identifier for display to the user.

61. (Amended) A computer program product, comprising:

a computer-readable medium containing instructions for controlling a computer system to perform a method for converting file identifiers for use in generating default storage file names for the corresponding files, the method including:

receiving an identifier related to a file;

receiving from a user a request to download the file;

converting the identifier to a name [related to] identifying a type of content of the file; and

automatically displaying the name in a request for a file name for storing the file.

Attorney Docket No. 42929.0200

Clean Copy of Pending Claims

1. (Amended) A method for secure downloading of a file from a network, comprising:
 - receiving selection of a file;
 - receiving an order from a user for download of the selected file, the order including a file identifier related to the file and an order identifier related to the order;
 - verifying the file identifier based upon particular information related to the file;
 - verifying the order identifier based upon particular information related to the order, including:
 - determining if the order identifier is valid for the order, meaning the order identifier exists for the order;
 - determining if the order identifier is active, meaning the order was not canceled before the download of the file; and
 - determining if the order identifier is non-suppressed, meaning the order was not canceled after the download of the file; and
 - selectively permitting the download of the file based upon the verification of the file identifier and the verification of the order identifier.
2. The method of claim 1 wherein the receiving step includes receiving selection of a uniform resource locator for the file.
3. The method of claim 1 wherein the verifying the file identifier step includes verifying a version identifier related to the file.

Attorney Docket No. 42929.0200

4. The method of claim 1 wherein the verifying the file identifier step includes verifying a uniform resource locator for the file.
6. The method of claim 4 wherein the verifying the file identifier step further includes verifying a cookie file associated with the order.
7. The method of claim 1 wherein the verifying the order identifier step includes verifying a customer identifier associated with the user.
8. The method of claim 1, further including verifying a transaction identifier associated with the order, and wherein the permitting step further includes permitting download of the file based upon the verification of the transaction identifier.
9. The method of claim 1 wherein the downloading step further includes selectively downloading the file based upon a number of requested downloads associated with the file identifier.
10. The method of claim 1 wherein the downloading step further includes selectively downloading the file based upon a number of successful downloads of the file.
11. The method of claim 1 wherein the downloading step further includes selectively downloading the file based upon a time parameter related to submission of the order.
12. The method of claim 1, further including storing the file in a temporary folder during the download.

Attorney Docket No. 42929.0200

13. The method of claim 1, further including requesting identification of a file name for storing the file during the download.
14. The method of claim 13, further including displaying a default identification as the file name for storing the file based upon an identification of the file.
15. (Amended) The method of claim 14, further including transmitting the generated file identifier for display to the user.
16. The method of claim 1 wherein the downloading step includes denying the download based upon a customer identifier associated with the user.
17. (Amended) A method for converting file identifiers for use in generating default storage file names for the corresponding files, comprising:
 - receiving an identifier related to a file;
 - receiving from a user a request to download the file;
 - converting the identifier to a name identifying a type of content of the file; and
 - automatically displaying the name in a request for a file name for storing the file.
18. The method of claim 17 wherein the receiving the identifier step includes receiving a uniform resource locator related to the file.
19. The method of claim 18 wherein the converting step includes changing a format of the uniform resource locator to accommodate particular web browsers.
20. The method of claim 17 wherein the displaying step includes displaying a screen having a section displaying the name.

Attorney Docket No. 42929.0200

21. The method of claim 20 wherein the displaying the screen step includes permitting the user to enter a file name for storing the file.
22. The method of claim 17 wherein the converting step includes changing a network address associated with the file.
23. (Amended) An apparatus for secure downloading of a file from a network, comprising:
 - a selection module for receiving selection of a file;
 - a receive module for receiving an order from a user for download of the selected file, the order including a file identifier related to the file and an order identifier related to the order;
 - a file identifier module for verifying the file identifier based upon particular information related to the file;
 - an order identifier module for verifying the order identifier based upon particular information related to the order, including:
 - a module for determining if the order identifier is valid for the order, meaning the order identifier exists for the order;
 - a module for determining if the order identifier is active, meaning the order was not canceled before the download of the file; and
 - a module for determining if the order identifier is non-suppressed, meaning the order was not canceled after the download of the file; and
 - a download module for selectively permitting the download of the file based upon the verification of the file identifier and the verification of the order identifier.

Attorney Docket No. 42929.0200

24. The apparatus of claim 23 wherein the selection module includes a module for receiving selection of a uniform resource locator for the file.
25. The apparatus of claim 23 wherein the file identifier module includes a module for verifying a version identifier related to the file.
26. The apparatus of claim 23 wherein the file identifier module includes a module for verifying a uniform resource locator for the file.
28. The apparatus of claim 26 wherein the file identifier module further includes a module for verifying a cookie file associated with the order.
29. The apparatus of claim 23 wherein the order identifier module includes a module for verifying a customer identifier associated with the user.
30. The apparatus of claim 23, further including a module for verifying a transaction identifier associated with the order, and wherein the permission module further includes a module for permitting download of the file based upon the verification of the transaction identifier.
31. The apparatus of claim 23 wherein the download module further includes a module for selectively downloading the file based upon a number of requested downloads associated with the file identifier.
32. The apparatus of claim 23 wherein the download module further includes a module for selectively downloading the file based upon a number of successful downloads of the file.

Attorney Docket No. 42929.0200

33. The apparatus of claim 23 wherein the download module further includes a module for selectively downloading the file based upon a time parameter related to submission of the order.
34. The apparatus of claim 23, further including a module for storing the file in a temporary folder during the download.
35. The apparatus of claim 23, further including a module for requesting identification of a file name for storing the file during the download.
36. The apparatus of claim 35, further including a module for displaying a default identification as the file name for storing the file based upon an identification of the file.
37. (Amended) The apparatus of claim 36, further including a module for transmitting the generated file identifier for display to the user.
38. The apparatus of claim 23 wherein the download module includes a module for denying the download based upon a customer identifier associated with the user.
39. (Amended) An apparatus for converting file identifiers for use in generating default storage file names for the corresponding files, comprising:
 - an identifier module for receiving an identifier related to a file;
 - a receive module for receiving from a user a request to download the file;
 - a conversion module for converting the identifier to a name identifying a type of content of the file; and

Attorney Docket No. 42929.0200

a display module for automatically displaying the name in a request for a file name for storing the file.

40. The apparatus of claim 39 wherein the identifier module includes a module for receiving a uniform resource locator related to the file.

41. The apparatus of claim 40 wherein the conversion module includes a module for changing a format of the uniform resource locator to accommodate particular web browsers.

42. The apparatus of claim 39 wherein the display module includes a screen module for displaying a screen having a section displaying the name.

43. The apparatus of claim 42 wherein the screen module includes a module for permitting the user to enter a file name for storing the file.

44. The apparatus of claim 39 wherein the conversion module includes a module for changing a network address associated with the file.

45. (Amended) A computer program product, comprising:

a computer-readable medium containing instructions for controlling a computer system to perform a method for secure downloading of a file from a network, the method including:

receiving selection of a file;

receiving an order from a user for download of the selected file, the order including a file identifier related to the file and an order identifier related to the order;

verifying the file identifier based upon particular information related to the file;

verifying the order identifier based upon particular information related to the order, including:

determining if the order identifier is valid for the order, meaning the order identifier exists for the order;

determining if the order identifier is active, meaning the order was not canceled before the download of the file; and

determining if the order identifier is non-suppressed, meaning the order was not canceled after the download of the file; and

selectively permitting download of the file based upon the verification of the file identifier and the verification of the order identifier.

46. The computer program product of claim 45 wherein the receiving selection step includes receiving selection of a uniform resource locator for the file.

47. The computer program product of claim 45 wherein the verifying the file identifier step includes verifying a version identifier related to the file.

48. The computer program product of claim 45 wherein the verifying the file identifier step includes verifying a uniform resource locator for the file.

50. The computer program product of claim 48 wherein the verifying the file identifier step further includes verifying a cookie file associated with the order.

51. The computer program product of claim 45 wherein the verifying the order identifier step includes verifying a customer identifier associated with the user.

Attorney Docket No. 42929.0200

52. The computer program product of claim 45, further including verifying a transaction identifier associated with the order, and wherein the permitting step further includes permitting download of the file based upon the verification of the transaction identifier.

53. The computer program product of claim 45 wherein the downloading step further includes selectively downloading the file based upon a number of requested downloads associated with the file identifier.

54. The computer program product of claim 45 wherein the downloading step further includes selectively downloading the file based upon a number of successful downloads of the file.

55. The computer program product of claim 45 wherein the downloading step further includes selectively downloading the file based upon a time parameter related to submission of the order.

56. The computer program product of claim 45, further including storing the file in a temporary folder during the download.

57. The computer program product of claim 45, further including requesting identification of a file name for storing the file during the download.

58. The computer program product of claim 57, further including displaying a default identification as the file name for storing the file based upon an identification of the file.

Attorney Docket No. 42929.0200

59. (Amended) The computer program product of claim 58, further including transmitting the generated file identifier for display to the user.
60. The computer program product of claim 45 wherein the downloading step includes denying the download based upon a customer identifier associated with the user.
61. (Amended) A computer program product, comprising:
 - a computer-readable medium containing instructions for controlling a computer system to perform a method for converting file identifiers for use in generating default storage file names for the corresponding files, the method including:
 - receiving an identifier related to a file;
 - receiving from a user a request to download the file;
 - converting the identifier to a name identifying a type of content of the file; and
 - automatically displaying the name in a request for a file name for storing the file.
62. The computer program product of claim 61 wherein the receiving the identifier step includes receiving a uniform resource locator related to the file.
63. The computer program product of claim 62 wherein the converting step includes changing a format of the uniform resource locator to accommodate particular web browsers.
64. The computer program product of claim 61 wherein the requesting step includes displaying a screen having a section displaying the name.
65. The computer program product of claim 64 wherein the displaying the screen step includes permitting the user to enter a file name for storing the file.

Attorney Docket No. 42929.0200

66. The computer program product of claim 61 wherein the converting step includes changing a network address associated with the file.